

AMENDMENT UNDER 37 C.F.R. § 1.111
Application Serial No. 10/015,881
Attorney Docket No. Q67742

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

Claims 1-6 (canceled).

Claim 7 (currently amended): A mobile communications terminal comprising:
a voice pattern registration means for storing voice patterns in a memory and registering
the voice patterns that have been stored in the memory with a plurality of contact data, said
plurality of contact data comprising a plurality of types of contact data, wherein for each type of
contact data, a voice pattern stored in the memory is registered with a corresponding contact data
item independent of other contact data types;
a data type designation means for designating the type of contact data to be selected for
communication;
a speech recognition means for retrieving a voice pattern among the voice patterns stored
in the memory that matches or nearly matches voice data obtained from a user; and
a memory search processing means for selecting a contact data item of the type
designated by the data type designation means that corresponds to the voice pattern retrieved by
the speech recognition means,

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wherein the voice pattern registration means registers a different voice pattern to each contact data item of the plurality of types of contact data separately.

Claim 8 (currently amended): A mobile communications terminal as claimed in claim 7, wherein the plurality of types of contact data types-comprises telephone number contact data, electronic mail address contact data and URL (Uniform Resource Locator) contact data, wherein the voice pattern registration means registers a different voice pattern to each of the telephone number contact data, the electronic mail address contact data and the URL contact data.

Claim 9 (currently amended): A mobile communications terminal as claimed in claim 7, wherein the data type designation means designates the type of contact data based on a user input of contact data type and the memory search processing means searches only voice patterns which are registered to the type of contact data that is designated without searching voice patterns that are registered to types of contact data that have not been designated when selecting the contact data item that corresponds to the voice pattern retrieved by the speech recognition means.

Claim 10 (currently amended): A mobile communications terminal as claimed in claim 7, wherein the data type designation means automatically designates the type of contact data based on an application activation status of the mobile communications terminal and the memory search processing means searches only voice patterns which are registered to the type of contact data that is designated without searching voice patterns that are registered to types of contact

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data that have not been designated when selecting the contact data item that corresponds to the voice pattern retrieved by the speech recognition means.

Claim 11 (previously presented): A mobile communications terminal as claimed in claim 7, further comprising a display means for displaying the contact data item which is selected by the memory search processing means.

Claim 12 (previously presented): A mobile communications terminal as claimed in claim 7, further comprising a communication starting means for automatically starting communication with a contact corresponding to the contact data item which is selected by the memory search processing means.

Claims 13-18 (canceled).

Claim 19 (currently amended): A speech recognition method for a mobile communications terminal, comprising the steps of:

 a voice pattern registration step in which voice patterns are stored in a memory and the voice patterns that have been stored are registered with a plurality of contact data, said contact data comprising a plurality of contact data types, wherein for each type of contact data, a voice pattern stored in the memory is registered with a corresponding contact data item independent of other contact data types;

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a data type designation step in which the type of contact data to be selected for communication is designated;

a speech recognition step in which a voice pattern among the voice patterns stored in the memory that matches or nearly matches voice data obtained from a user is retrieved; and

a memory search step in which a contact data item of the type designated in the data type designation step that corresponds to the voice pattern retrieved in the speech recognition step is selected,

wherein a different voice pattern is registered to each contact data item of the plurality of type of contact data separately in the voice pattern registration step.

Claim 20 (currently amended): A speech recognition method for a mobile communications terminal as claimed in claim 19, wherein the plurality of types of contact data ~~types~~ comprises telephone number contact data, electronic mail address contact data and URL (Uniform Resource Locator) contact data, wherein a different voice pattern is registered to each of the telephone number contact data, the electronic mail address contact data, and the URL contact data in the voice pattern registration step.

Claim 21 (currently amended): A speech recognition method for a mobile communications terminal as claimed in claim 19, wherein the type of contact data is designated based on a user input of contact data type in the data type designation step and only voice patterns which are registered to the type of contact data that is designated are searched in the

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memory search step without searching voice patterns that are registered to types of contact that that have not been designated when selecting the contact data item that corresponds to the voice pattern retrieved in the speech recognition step.

Claim 22 (currently amended): A speech recognition method for a mobile communications terminal as claimed in claim 19, wherein the type of contact data is automatically designated based on an application activation status of the mobile communications terminal in the data type designation step and only voice patterns which are registered to the type of contact data that is designated are searched in the memory search step without searching voice patterns that are registered to types of contact that that have not been designated when selecting the contact data item that corresponds to the voice pattern retrieved in the speech recognition step.

Claim 23 (previously presented): A speech recognition method for a mobile communications terminal as claimed in claim 19, further comprising a display step in which the contact data item which is selected in the memory search step is displayed.

Claim 24 (previously presented): A speech recognition method for a mobile communications terminal as claimed in claim 19, further comprising a communication starting step in which communication with a contact corresponding to the contact data item which is selected in the memory search step is automatically started.

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Claims 25-30 (canceled).

Claim 31 (currently amended): A machine-readable medium storing a program for instructing a processor of a mobile communications terminal to execute a speech recognition process, wherein the voice recognition process comprises the steps of:

 a voice pattern registration step in which voice patterns are stored in a memory and the voice patterns that have been stored are registered with a plurality of contact data, said contact data comprising a plurality of contact data types, wherein for each type of contact data, a voice pattern stored in the memory is registered with a corresponding contact data item independent of other contact data types;

 a data type designation step in which the type of contact data to be selected for communication is designated;

 a speech recognition step in which a voice pattern among the voice patterns stored in the memory that matches or nearly matches voice data obtained from a user is retrieved; and

 a memory search step in which a contact data item of the type designated in the data type designation step that corresponds to the voice pattern retrieved in the speech recognition step is selected,

wherein a different voice pattern is registered to each contact data item of the plurality of type of contact data separately in the voice pattern registration step.

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Claim 32 (currently amended): A machine-readable medium as claimed in claim 31, wherein the plurality of types contact data types comprises telephone number contact data, electronic mail address contact data and URL (Uniform Resource Locator) contact data, wherein a different voice pattern is registered to each of the telephone number contact data, the electronic mail address contact data, and the URL contact data in the voice pattern registration step.

Claim 33 (currently amended): A machine-readable medium as claimed in claim 31, wherein the type of contact data is designated based on a user input of contact data type in the data type designation step and only voice patterns which are registered to the type of contact data that is designated are searched in the memory search step without searching voice patterns that are registered to types of contact that have not been designated when selecting the contact data item that corresponds to the voice pattern retrieved in the speech recognition step.

Claim 34 (currently amended): A machine-readable medium as claimed in claim 31, wherein the type of contact data is automatically designated based on an application activation status of the mobile communications terminal in the data type designation step and only voice patterns which are registered to the type of contact data that is designated are searched in the memory search step without searching voice patterns that are registered to types of contact that have not been designated when selecting the contact data item that corresponds to the voice pattern retrieved in the speech recognition step.

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Claim 35 (previously presented): A machine-readable medium as claimed in claim 31, wherein the speech recognition process further comprises a display step in which the contact data item which is selected in the memory search step is displayed.

Claim 36 (previously presented): A machine-readable medium as claimed in claim 31, wherein the speech recognition process further comprises a communication starting step in which communication with a contact corresponding to the contact data item which is selected in the memory search step.

Claims 37-38 (canceled).

Claim 39 (previously presented): A mobile communications terminal as claimed in claim 7, wherein the memory that stores the voice patterns, which are registered with the plurality of directories, is provided in the mobile communications terminal.

Claim 40 (previously presented): A mobile communications terminal as claimed in claim 7, wherein the voice patterns, which are registered with the plurality of contact data, are recorded from speech of the user and stored in the memory.

Claims 41-42 (canceled).

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Claim 43 (previously presented): A speech recognition method for a mobile communications terminal as claimed in claim 19, wherein the memory that stores the voice patterns, which are registered with the plurality of directories, is provided in the mobile communications terminal.

Claim 44 (previously presented): A speech recognition method for a mobile communications terminal as claimed in claim 19, wherein the voice patterns, which are registered with the plurality of contact data, are recorded from speech of the user and stored in the memory.

Claims 45-46 (canceled).

Claim 47 (previously presented): A machine-readable medium as claimed in claim 31, wherein the voice patterns, which are registered with the plurality of contact data, are recorded from speech of the user and stored in the memory.

Claim 48 (previously presented): A machine-readable medium as claimed in claim 31, wherein the voice patterns, which are registered with the plurality of contact data, are recorded from speech of the user and stored in the memory.